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Part Number: [22-43-6030](#)
Status: **Active**
Overview: [KK® Interconnect System - Molex](#)
Description: 2.50mm Pitch SPOX™ Header, Shrouded, Staggered Footprint, 3 Circuits, White

Documents:
[3D Model](#) [Application Specification AS-42249-001 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Product Specification PS-42219-0001 \(PDF\)](#)

Agency Certification

CSA LR19980
UL E29179

General

Product Family PCB Headers
Series [42249](#)
Application Signal, Wire-to-Board
Overview [KK® Interconnect System - Molex](#)
Product Name SPOX™
UPC 800753588868

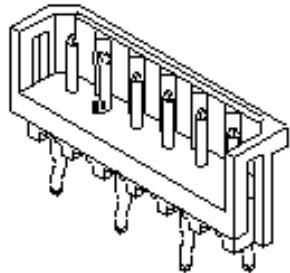
Physical

Breakaway No
Circuits (Loaded) 3
Circuits (maximum) 3
Color - Resin Natural
Durability (mating cycles max) 25
Flammability 94V-0
Glow-Wire Compliant No
Lock to Mating Part None
Material - Plating Mating Tin
Material - Plating Termination Tin
Material - Resin Polyester
Net Weight 0.276/g
Number of Rows 1
Orientation Vertical
PC Tail Length 3.30mm
PCB Locator No
PCB Retention Yes
PCB Thickness - Recommended 1.60mm
Packaging Type Bag
Pitch - Mating Interface 2.50mm
Plating min - Mating 2.540µm
Plating min - Termination 2.540µm
Polarized to Mating Part Yes
Polarized to PCB No
Shrouded Partial
Stackable No
Temperature Range - Operating 0°C to +75°C
Termination Interface: Style Through Hole

Electrical

Current - Maximum per Contact 3A
Voltage - Maximum 250V

Solder Process Data



Series

image - Reference only

EU RoHS
ELV and RoHS
Compliant
REACH SVHC
Contains SVHC: No
Low-Halogen Status
Not Low-Halogen

China RoHS



Need more information on product environmental compliance?

Email productcompliance@molex.com
For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

Search Parts in this Series
[42249Series](#)

Mates With
[42219](#)

Duration at Max. Process Temperature (seconds)	5
Lead-free Process Capability	Wave Capable (TH only)
Max. Cycles at Max. Process Temperature	1
Process Temperature max. C	235

Material Info

Old Part Number	A-42249-3A
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Reference - Drawing Numbers

Application Specification	AS-42249-001
Product Specification	PS-42219-0001
Sales Drawing	SDA-42249-*

This document was generated on 07/09/2014

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